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APPLICATION NUMBER	FILING/RECEIPT DATE	FIRST NAMED APPLICANT	ATTORNEY DOCKET NUMBER
09/826,237	04/04/2001	Federico Capasso	65-104-1-19-28-7-34-13

CONFIRMATION NO. 2450

## FORMALITIES LETTER



\*OC000000006141159\*

Wendy W. Koba, Esq.  
P.O. Box 556  
Springtown, PA 18081

Date Mailed: 06/04/2001

## NOTICE TO FILE CORRECTED APPLICATION PAPERS

*Filing Date Granted*

This application has been accorded an Application Number and Filing Date. The application, however, is informal since it does not comply with the regulations for the reason(s) indicated below. Applicant is given **TWO MONTHS** from the date of this Notice within which to correct the informalities indicated below. Extensions of time may be obtained by filing a petition accompanied by the extension fee under the provisions of 37 CFR 1.136(a)

The required item(s) identified below must be timely submitted to avoid abandonment:

- Substitute drawings in compliance with 37 CFR 1.84 because:
  - drawing sheets do not have the appropriate margin(s) (see 37 CFR 1.84(g)). Each sheet must include a top margin of at least 2.5 cm. (1 inch), a left side margin of at least 2.5 cm. (1 inch), a right side margin of at least 1.5 cm. (5/8 inch), and a bottom margin of at least 1.0 cm. (3/8 inch);

*A copy of this notice **MUST** be returned with the reply.*

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PART 2 - COPY TO BE RETURNED WITH RESPONSE



07-25-01

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<b>TRANSMITTAL FORM</b> (to be used for all correspondence after initial filing)	Application Number	09/826,237
	Filing Date	4/4/01
	First Named Inventor	Capasso
	Group Art Unit	2874
	Examiner Name	Not yet assigned
Total Number of Pages in This Submission	Attorney Docket Number	65-104-1-19-28-7-34-13

**ENCLOSURES** (check all that apply)

<input type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Fee Attached <input type="checkbox"/> Amendment / Reply <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input type="checkbox"/> Information Disclosure Statement <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Response to Missing Parts/ Incomplete Application <input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Assignment Papers (for an Application) <input checked="" type="checkbox"/> Drawing(s) <i>Formal (5 sheets)</i> <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s) _____	<input type="checkbox"/> After Allowance Communication to Group <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to Group (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input checked="" type="checkbox"/> Other Enclosure(s) (please identify below): ① Return receipt postcard ② Notice to file corrected application papers
Remarks		

**SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT**

Firm or Individual name	Wendy W. Koba, Esq.
Signature	Wendy W. Koba
Date	7/24/01

**CERTIFICATE OF MAILING**

I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class <sup>Express</sup> mail in an envelope addressed to: Commissioner for Patents, Washington, DC 20231 on this date: 7/24/01		
Typed or printed name	Wendy W. Koba, Esq.	Date
Signature	Wendy W. Koba	7/24/01

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EXPRESS MAIL  
CERTIFICATE OF MAILING

Patent Application for:

Applicants: Federico Capasso  
Alfred Yi Cho  
Raffaele Colombelli  
Atty. No: Claire F. Gmachl  
65-104-1-19-28-7-34-13

Albert Lee Hutchinson  
Arthur Mike Sargent  
Deborah Lee Sivco  
Alessandro Tredicucci

Title: Technique for Measuring Intersubband  
Electroluminescence in a Quantum Cascade Laser

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Type or Print name of person signing this certificate: Wendy W. Koba, Esq.

Signature: Wendy W. Koba



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IN THE UNITED STATES  
PATENT AND TRADEMARK OFFICE

**Patent Application**

Inventors: Federico Capasso et al.

Case: 65-104-1-19-28-7-34-13

Serial No. 09/826,237

Filing Date 4/4/01

Title: Technique for Measuring Intersubband Electroluminescence in a Quantum Cascade Laser

Attention: Official Draftperson

COMMISSIONER FOR PATENTS  
WASHINGTON, D.C. 20231

SIR:

**SUBMITTAL OF FORMAL DRAWINGS IN RESPONSE TO NOTICE TO FILE**  
**CORRECTED APPLICATION PAPERS**

Enclosed please find five(5) sheets of Formal drawings for the above-identified application. Applicants believe that these drawings are in accordance with the requirements of PTO-1474. However, if the Official Draftperson determines that any changes are needed, he is requested to contact the undersigned to avoid any delay in the prosecution of this application.

Respectfully,

By: Wendy W. Koba  
Wendy W. Koba, Esq.  
Reg. No. 30509  
Attorney for Application

Date: 7/24/01

Att: - Formal Drawings (5 sheets)